

Estimated Glomerular Filtration Rate

CPT Code: Not applicable

Order Code:

- Comprehensive Metabolic Panel: C901
- Basic Metabolic Panel: C902
- Renal Function Panel: C904
- Serum Creatinine: C108
- BUN/Creatinine Ratio: 2968
- Cystatin C with eGFR: 94588

ABN Requirement: No

Synonyms: eGFR; eGFR non-African Descent; eGFR African Descent

Methodology: Calculation

Turn Around Time: 1 to 3 days

Reference Range:

eGFR Non-African American	≥ 60 mL/min/1.73m ²
eGFR African American	≥ 60 mL/min/1.73m ²

Clinical Significance: The estimated glomerular filtration rate is used to detect early kidney damage and to monitor kidney status in individuals with conditions that may lead to kidney damage.

Additional Information: Cleveland HeartLab uses the Chronic Kidney Disease Epidemiology Collaboration (CKD-EPI) equation to calculate eGFR. The CKD-EPI equation has proved superior for eGFR calculations between 60-120 mL/min/1.73 m². In addition, the CKD-EPI equation is more in line with Cleveland HeartLab's patient population as it was developed and validated in a multiethnic population ranging from 18 to 97 years of age, with and without kidney disease, diabetes, and solid organ transplants who had a wide-ranging actual GFR (2 to 198 mL/min/1.73 m²). The estimated glomerular filtration rate is calculated using a

creatinine test. This calculation is only useful when creatinine production, as well as kidney function, is stable. The calculated estimated glomerular filtration rate may not be useful in individuals with a large muscle mass or with a muscle wasting disease, those who are obese or malnourished or those who are vegetarian or consume little protein.

The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.